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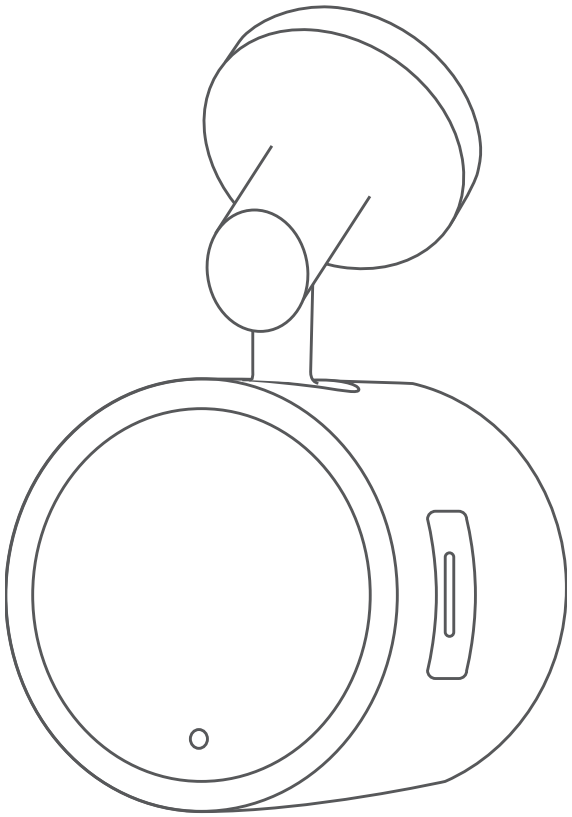

GARMIN SPEAK™ PLUS WITH AMAZON ALEXA

Owner's Manual

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Getting Started

⚠ WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

Mounting Considerations

Before you mount the device on your windshield, you should carefully consider the mounting location. The adhesive is extremely sticky, can be difficult to remove, and is not reusable. One extra adhesive pad is included in the product packaging. You should keep it in a safe place so that you can use it if you decide to change the mounting location in the future.

- Choose a location that allows you to route the power cable safely and out of sight.

  ⚠ WARNING

  When installing the device in a vehicle, install the device and power cable securely so they do not interfere with the vehicle operating controls, such as the foot pedals, or the driver's feet. Interference with the vehicle operating controls or feet can result in a collision, which could result in injury or death.

  The included long, lightweight power cable is designed to be routed out of sight. To hide the cable, you can route it around the windshield and tuck it into the gap between the windshield and the trim.
- Do not mount the device in a location that obscures the driver's view of the road.
- Choose a location that is within easy reach and provides access to the device buttons.
- Choose a location that allows the device to clearly hear your voice.

  For example, you should avoid placing the device near a speaker or air vent, which can introduce noise that interferes with the microphones. Also, placing the device in a central location, such as near the rear-view mirror, allows the device to hear both the driver and the passenger.
- Choose a location that provides the dash cam with a clear view of the road.

  You should verify the vehicle's windshield wipers clear the windshield area in front of the dash cam, and you should avoid placing the dash cam behind a tinted area of the windshield.
- Thoroughly clean the windshield before installing the mount.

Installing the Adhesive Disc onto Your Windshield

NOTICE

The adhesive disc is difficult to remove after it is installed. You must carefully consider the mounting location before you install the mount (*Mounting Considerations*, page 1).

For the best results, you should install the adhesive disc onto your windshield while the ambient temperature is from 21° to 38°C (from 70° to 100°F).

1. Clean the windshield using water or alcohol, and a lint-free cloth.

   The windshield must be free of dust, wax, oils, or coatings.
2. Remove the protective film from the mount adhesive.

3. Position the mount over the mounting location.

   TIP: The adhesive is extremely sticky. Do not touch the adhesive to the windshield until the mount is properly positioned and aligned.
4. Press the mount firmly onto the windshield, and maintain pressure for 30 seconds.

5. Pull the device and mount away from the windshield.

   The metal adhesive disc remains attached to the windshield.
6. Using your finger, press firmly on the disc for 30 seconds.

   This helps to ensure the disc adhesive has proper contact with the windshield.

For the best results, especially in low temperature environments, you should allow the adhesive on the metal disc to bond to the windshield for 24 hours before installing the device onto the mount. Failure to allow adequate bonding time may cause the adhesive to detach from the windshield.

Installing and Powering the Garmin Speak Plus Device

NOTE: For the best results, especially in low temperature environments, you should allow the adhesive on the metal disc to bond to the windshield for 24 hours before installing the device onto the mount. Failure to allow adequate bonding time may cause the adhesive to detach from the windshield.

1. Place the device and mount onto the metal disc.
2. Plug the power cable into the USB port on the device.

3. Route the power cable to your vehicle power outlet.

The included long, lightweight power cable is designed to be routed out of sight. To hide the cable, you can route it around the windshield and tuck it into the gap between the windshield and the trim.

4 Plug the Garmin Speak Plus power cable into a power outlet in your vehicle.

5 If necessary, turn on the vehicle ignition switch to provide power to the power outlet in your vehicle.

The device turns on.

6 Follow the on-screen instructions to complete the initial device setup (*Pairing with Your Smartphone*, page 2).

Pairing with Your Smartphone

The Garmin Speak Plus device requires a connection to the Garmin Speak app to operate. To use the device, you must pair it with your smartphone using the Garmin Speak app and complete the initial setup.

1 Connect the device to power (*Installing and Powering the Garmin Speak Plus Device*, page 1).

The first time the device turns on, it enters pairing mode automatically. The LED ring glows amber and animates while the device is in pairing mode.

TIP: If the device does not enter pairing mode automatically, you can hold for 5 seconds to manually enter pairing mode.

2 From the app store on your smartphone, install and open the Garmin Speak app.

The app searches for the device automatically. When it finds the device, your smartphone and the Garmin Speak Plus device display a pairing code.

3 Verify the codes match, and press any button on the Garmin Speak Plus device to accept the pairing request.

4 On your smartphone, select the option to authorize pairing with the device.

The device connects to your smartphone.

5 Follow the on-screen instructions to finish setting up the device.

TIP: If multiple people need to use your Garmin Speak Plus device, you can pair it with additional smartphones (*Pairing an Additional Smartphone with Your Garmin Speak Plus Device*, page 11). If you have Garmin Speak Plus devices in multiple vehicles, you pair each of them with your smartphone (*Pairing an Additional Garmin Speak Plus Device with Your Smartphone*, page 11).

Connecting to the Vehicle Stereo

Connecting to the Stereo Using a Bluetooth® Connection

If you have a compatible vehicle stereo, you can send the Garmin Speak Plus audio to the vehicle stereo using a wireless Bluetooth connection. This allows you to hear high-quality audio for media, Alexa responses, and phone calls from your vehicle speakers without a wired connection.

NOTE: If your stereo does not have Bluetooth technology, you can send audio to the stereo using an auxiliary audio cable (*Connecting to the Stereo Using an Auxiliary Audio Cable*, page 2).

1 From the Garmin Speak app, select an option:

- During the initial device setup, select **Yes** when the app asks whether you currently use Bluetooth technology to connect your smartphone to your vehicle.
- After the initial device setup, select > **Audio**, and verify **Other** is selected in both the **Alexa and Media** section and the **Phone Calls** section.

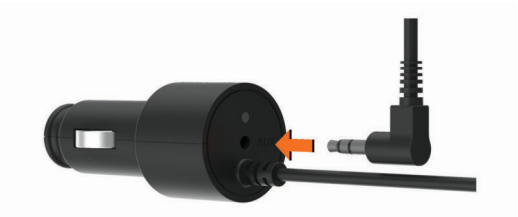
2 Set the audio source for your vehicle stereo to the Bluetooth input.

Connecting to the Stereo Using an Auxiliary Audio Cable

If your Garmin Speak Plus is not connected to the vehicle stereo using a Bluetooth connection, you can send the Garmin Speak Plus audio to the vehicle stereo using a 3.5 mm stereo auxiliary audio cable (not included).

NOTE: For the best audio quality, a Bluetooth connection to the stereo is recommended, when available (*Connecting to the Stereo Using a Bluetooth® Connection*, page 2).

1 Connect one end of the cable to the 3.5 mm audio output jack on the Garmin Speak Plus power cable plug.



2 Connect the other end of the audio cable to the auxiliary input jack for your vehicle stereo.

This jack may be labeled AUX or Line In. See your vehicle owner's manual for more information.

3 From the Garmin Speak app, select an option:

- During the initial device setup, select **No** when the app asks whether you currently use Bluetooth technology to connect your smartphone to your vehicle.
- After the initial device setup, select > **Audio**, and verify **Garmin Speak** is selected in both the **Alexa and Media** section and the **Phone Calls** section.

4 Set the audio source for your vehicle stereo to the auxiliary input.

Device Overview

①	Mute button. Press to mute or unmute the microphones. When you receive an incoming phone call, press to ignore the call. Hold to manually enter pairing mode.
②	Action button. Press to start speaking to the device. **TIP:** You can also say *Alexa* to start speaking to the device. When you receive an incoming phone call, press to accept the call. When an alarm or timer sounds, press to dismiss the alarm or time. Press to turn on the device manually. Hold for two seconds to turn off the device manually.
③	LED ring. Provides device status and navigation information, such as volume, listening mode, or upcoming turns.
④	OLED screen. Provides device status and navigation information using symbols and text.
⑤	Microphones.

Muting the Microphones

You can mute the microphones to prevent the device from listening for spoken requests or recording dash cam audio.

Press .

While the microphones are muted, the LED ring is solid red.

Turning the Device On or Off

The device automatically turns off after an extended period of non-use. When the device is connected to an ignition-switched power outlet, it turns off automatically when you turn off the vehicle.

You can also turn the device on or off manually. This is useful when the device is connected to an always-on power outlet.

- To turn off the device, hold ● for two seconds.
- To turn on the device, press ●.

Speaking to the Garmin Speak Device

The Garmin Speak Plus device uses natural language processing to understand the intent of your requests. You can ask questions or speak commands in natural language, using complete sentences. Many example phrases are provided throughout the manual, but you can experiment with speaking to the device using the language most comfortable to you.

1 Start each request by either saying *Alexa* or pressing ●.

The bottom of the LED ring glows cyan while the device listens to your request.

2 If necessary, specify a skill.

For example, to make a navigation request from the Garmin® skill, say *ask Garmin* or *tell Garmin*.

3 Speak your request or command clearly toward the device.

For example, you can try these complete commands to practice.

- *Alexa, ask Garmin to take me to work.*
- *Alexa, what's the weather today?*
- *Alexa, play some classical music.*

When you are finished speaking, the LED ring animates with blue and cyan while the device processes your request.

4 Listen to the voice response, and respond to prompts by speaking to the device, if necessary.

If the device did not understand your request correctly, you can phrase your request differently to try again.

Canceling a Request

If you make a mistake while speaking a phrase, you can cancel your request using your voice or the device buttons.

- While you are speaking to the device, pause briefly and say *cancel* or *nevermind*.
- While the device is listening, press ●.

Adjusting the Volume

The device provides ten volume levels. You can say phrases like these to adjust the volume level.

- *Alexa, turn it up.*
- *Alexa, turn it down.*
- *Alexa, set the volume to four.*

A portion of the LED ring briefly glows white to indicate the volume level. For example, if half of the ring is white, the volume level is set to five.

Navigation

Launching the Garmin Skill

The Garmin skill provides access to exclusive navigation features for your Garmin Speak Plus device, including location searching, routing with turn-by-turn directions, traffic conditions, and more.

You can specify the Garmin skill as part of a request to the device, or you can start the Garmin skill before you make a request.

- To use the Garmin skill directly in a request, start your request with *Alexa, ask Garmin* or *Alexa, tell Garmin*.

  For example, you can say phrases like these to request information from the Garmin skill:

  - *Alexa, ask Garmin to take me to work.*
  - *Alexa, ask Garmin, where's the library?*
- To open the Garmin skill separately, say *Alexa, open Garmin.*

The device prompts you to speak a request to the Garmin skill. You can say phrases like these:

- *Take me home*
- *Find a nearby coffee shop*

Enabling the Garmin Skill

To use the navigation features for your device, the Garmin skill must be enabled. The Garmin skill is enabled during the pairing and setup process. If you have disabled the skill, you can enable it again at any time.

Say *Alexa, enable the Garmin skill*.

Acquiring GPS Signals

When you turn on your device, the GPS receiver must collect satellite data and establish the current location. The time required to acquire satellite signals varies based on several factors, including how far you are from the location where you last used your device, whether you have a clear view of the sky, and how long it has been since you last used your device.

The device must acquire GPS signals before it can calculate a route. If the device has not acquired GPS signals when you attempt to start a route, appears on the screen.

If appears, go to an open area with a clear view of the sky, away from tall buildings and trees.

Saving Locations

You can save your home, school, and work locations to quickly start routes to them (*Going to a Saved Location*, page 4).

1. From the Garmin Speak app, select > **My Locations**.
2. Select **Home**, **School**, or **Work**.
3. Enter the location address.

   As you type, suggestions appear below the address entry field.
4. Select a suggested address.

Starting a Route

Going to a Saved Location

It is useful to start a route on your Garmin Speak Plus device each time you travel to a saved location, even though you may already know how to get there. Your device can help you avoid reported traffic delays and construction that may affect your route.

You can say phrases like these to start a route to your saved locations for home, work, and school (*Saving Locations*, page 4).

- *Alexa, ask Garmin to take me home.*
- *Alexa, ask Garmin to navigate to work.*
- *Alexa, ask Garmin to start a route to school.*

Going to a Business or Named Location

You can say phrases like these to find and navigate to a business or location by name or category.

Nearby locations:

- *Alexa, ask Garmin to find a coffee shop.*
- *Alexa, ask Garmin to find a library.*
- *Alexa, ask Garmin to take me to Starbucks.*

Locations near a different city:

- *Alexa, ask Garmin to find Mexican food near Denver, Colorado.*
- *Alexa, ask Garmin to find The Field Museum near Chicago, Illinois.*
- *Alexa, ask Garmin to find Casa Bonita near Denver, Colorado.*

Locations near an intersection:

- *Alexa, ask Garmin to find barbecue near 12th Street and Vine.*
- *Alexa, ask Garmin to find Arthur Bryant's Barbecue near 12th Street and Vine.*

Going to a City or Intersection

You can say phrases like these to find and navigate to a city or intersection.

- *Alexa, ask Garmin to find Chandler, Arizona.*
- *Alexa, ask Garmin to find Michigan Avenue and Erie Street.*

Going to an Address or Location Using the Garmin Speak App

You can use the Garmin Speak app to search for an address, business, or point of interest, and send it to your Garmin Speak device for navigation.

1. From the Garmin Speak app, select **Where To?**.
2. Select an option:
   - To search for an address near you, enter the house number and street name.
   - To search for an address in another city, enter the house number, street name, city, and state.
   - To search for a business name, enter all or part of the name.
   - To search for a city, enter the city and state.

   As you type, suggestions appear below the search field.
3. Select a suggested search result.

   The app displays the location on a map.
4. Select **Go!** to start a route.

The Garmin Speak device starts navigating to the selected location, and the location is added to your recent searches in the Where To? menu.

Following Your Route

As you travel, the device guides you to your destination with voice prompts and on-screen information.

- Refer to the on-screen information to prepare for your next turn.

  The device screen displays the distance to your next turn, exit, or other action, and a symbol to indicate the type of turn (*Navigation Symbols*, page 5). As you approach your turn, the LED ring fills with green from the bottom to the top. When the LED ring is fully green, you are at your turn.

- Say phrases like these to repeat the most recent voice prompt:
  - *Alexa, ask Garmin, what's my next turn?*
  - *Alexa, ask Garmin, how far is my next turn?*
  - *Alexa, ask Garmin, which lane should I be in?*
- Ask the Garmin Speak Plus device for information about your route, such as arrival times, distances, or traffic conditions (*Getting Information About Your Route*, page 5).

Navigation Symbols

While you are navigating a route, the device screen displays the distance to your next turn, exit, or other action, and a symbol to indicate the type of turn.

Start route: The arrow points toward the starting point of the calculated route. This symbol appears when you need to drive through an unmapped area, such as a parking lot, to reach the starting point for the route.

Left or right turn: The device displays the distance to an upcoming left or right turn.

Sharp turn: The next turn is a sharp turn. You should prepare to reduce your speed more than usual to complete the turn.

Highway exit: Your next turn requires you to exit the road using an exit ramp. The arrow indicates whether you should exit on the left or on the right.

Lane guidance: The upcoming turn or exit must be completed from a specific lane or lanes. You should move into one of the lanes indicated by the filled arrow or arrows. If the road has more than four lanes, **...** indicates more lanes exist to the left or right of the lanes shown.

Roundabout: The arrow indicates the exit you should use to exit the roundabout.

U-turn: You should make u-turn at the next safe and legal opportunity to return to your route.

Destination arrival: Your destination is ahead. The arrow indicates the direction of your destination. This can help you determine which side of the street your destination is on, or help you navigate to your destination through an unmapped area, such as a parking lot.

Getting Information About Your Route

With a route active, you can say phrases like these to learn about the route ahead of you.

Turns on your route:

- *Alexa, ask Garmin, what's my next turn?*
- *Alexa, ask Garmin, what lane should I be in?*

Traffic conditions:

- *Alexa, ask Garmin, how's traffic?*

Time and distance:

- *Alexa, ask Garmin, are we there yet?*
- *Alexa, ask Garmin, how much farther?*
- *Alexa, ask Garmin, what time will we arrive?*

Taking a Detour or Alternate Route

You can ask the device to calculate an alternate route to take a detour, such as avoiding a traffic delay or a road closure. If a significant traffic delay is reported on your route, the device alerts you, provides the delay time, and tells you when you are still on the fastest route.

At any time, you can say phrases like these to search for and start an alternate route, if one is available.

- *Alexa, ask Garmin to start an alternate route.*
- *Alexa, ask Garmin to take a detour.*
- *Alexa, ask Garmin to find a faster route.*

Stops and Route Interruptions

If you make a stop and turn off your vehicle while navigating a route, your device resumes the route automatically the next time you start your vehicle.

If you depart from the route while navigating, the device automatically recalculates a new route to your destination and starts guiding you to it. To recalculate your route, the device may require your phone to have an active mobile data connection with access to the internet. If no internet connection is available, the device displays the distance and a directional pointer to your destination until an internet connection becomes available.

Arriving at Your Destination

When you approach your destination, the device displays a checkered flag, a directional pointer, and the distance to your destination.

- The pointer points to the approximate physical location of your destination. You can use the pointer to determine which side of the street your destination is on, or to navigate to your destination through an unmapped area, such as a parking lot.

- If you must turn onto a road to enter your destination, a turn symbol appears next to the checkered flag.

- When you stop at your destination, the device automatically ends the route. If the device does not detect your arrival automatically, you can say, *Alexa, ask Garmin to stop the route*.

Stopping a Route

You can say phrases like these to stop navigating a route.

- *Alexa, ask Garmin to stop the route.*
- *Alexa, ask Garmin to stop navigating.*

Dash Cam

Dash Cam Recording

NOTICE

Some jurisdictions regulate or prohibit use of this device. It is your responsibility to know and comply with applicable laws and rights to privacy in jurisdictions where you plan to use this device.

By default, the device immediately starts recording video when it turns on. It continues recording, overwriting the oldest, non-saved video until the device is turned off. You can also start or stop recording manually at any time. The camera saves recorded video to the camera memory card (*Replacing the Memory Card*, page 11).

Stopping or Starting Dash Camera Recording

- To stop dash cam recording, say *Alexa, ask Garmin to stop recording*.
- To start dash cam recording, say *Alexa, ask Garmin to start recording*.

- To stop or start dash cam recording using the Garmin Speak app, select ●.

  ● is red while the dash cam is recording.

Saving a Dash Cam Video Clip

You can save a portion of the recorded video to prevent it from being overwritten by new video.

- To save a video clip using a voice command, say *Alexa, ask Garmin to save video*.
- To save a video clip using the Garmin Speak app, select **Save Clip**.

The device saves a three-minute video clip, which includes the video footage recorded before, during, and after you asked the device to save video.

The memory card has limited storage. After you save a video recording, you should transfer the recording to your computer or other external storage location for permanent storage (*Videos and Photos on Your Computer*, page 6).

Taking a Photo

You can take still photos with this device. By default, the device stores time and location information with the photo.

- To take a photo using a voice command, say *Alexa, ask Garmin to take a picture*.
- To take a photo using the Garmin Speak app, select **Take a Snapshot**.

The device takes a photo and saves it to the memory card.

Turning Audio Recording On or Off

While recording dash cam video, the device can record audio using the integrated microphones. You can turn audio recording on or off at any time.

- To disable audio recording and keep the microphones enabled for voice commands, open the Garmin Speak app, and select 🎙.

  🎙 indicates the device is recording audio. 🎙 indicates audio recording is disabled.
- To completely mute the microphones for both audio recording and voice commands, press 🎙 on the Garmin Speak Plus device.

Garmin VIRB® App

The free Garmin VIRB app allows you to view and share recorded dash cam videos and photos on your smartphone. To download the Garmin VIRB app or for more information, go to (*Garmin VIRB® App*, page 6).

Setting Up the Garmin VIRB App

To view dash cam videos and photos on your smartphone, you must install the Garmin VIRB app and pair it with your Garmin Speak Plus device.

1. From the app store on your mobile device, install the Garmin VIRB app.
2. Verify your Garmin Speak Plus device is turned on.
3. On your smartphone, open the Garmin Speak app, and select **View Camera** > **Continue**.

   The app searches for your Garmin Speak Plus device and connects automatically.
4. If necessary, enter the wi-fi password that appears on your Garmin Speak Plus screen.

Viewing the Dash Cam on Your Smartphone

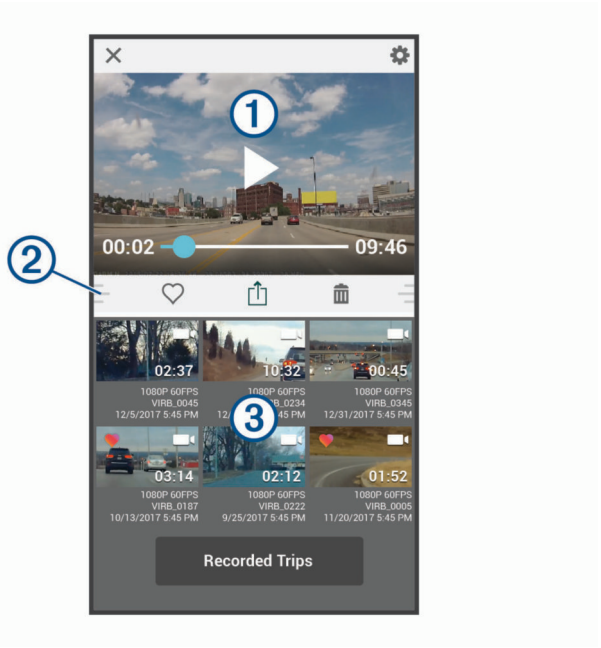
Before you can view the dash cam, video clips, or photos on your smartphone, you must install the Garmin VIRB app and pair it with your Garmin Speak Plus device (*Setting Up the Garmin VIRB App*, page 6).

- To view the live dash cam view, from the Garmin Speak app, select **Dash Cam** > **View Camera**.

  The Garmin VIRB app opens and shows the view from the dash cam.
- To view saved video clips and photos, from the Garmin Speak app, select **Dash Cam** > **View Media**.

  The Garmin VIRB app opens and the gallery of dash cam videos and photos.

Garmin VIRB App Gallery



⚙	Select to change the camera settings.
①	Displays a preview of the selected video or photo.
②	Drag up or down to expand or shrink the library.
♡	Select to mark the selected video or photo as a favorite.
⬆ ⋖	Select to edit, save, and share the selected photo or video.
🗑	Select to delete the selected video or photo.
③	Select a photo or video thumbnail to preview it.

Editing and Sharing a Video

1. From the Garmin VIRB app gallery, select a video.
2. Select an option:
   - If you are using an Apple® device, select ⬆.
   - If you are using a device with Android™, select ⋖.
3. Use the sliders to trim the video clip and select the section of video to share.
4. When you are finished editing the video, select **Next**.

   The app processes the video. This may take a while depending on the length of the video.
5. After the app finishes processing the video, select an option:
   - To save the video to your mobile device, select ⬇.
   - To share the video to a social network using an Apple device, select ⬆.
   - To share the video to a social network using a device with Android, select ⋖.

Videos and Photos on Your Computer

Videos and photos are stored in the DCIM folder on the camera memory card. Videos are stored in MP4 file format, and photos

are stored in JPG format. You can view and transfer photos and videos by connecting the memory card or the device to your computer (*Connecting the Device to Your Computer*, page 7).

The videos and photos are sorted into several folders.

100EVENT: Contains videos saved automatically when the device detected an incident.

101SAVED: Contains videos saved manually by the user.

102PHOTO: Contains photos.

104UNSVD: Contains unsaved video footage. The device overwrites the oldest unsaved video when the storage space for unsaved video is full.

Connecting the Device to Your Computer

You can view videos and photos on your computer using a micro-USB cable.

1. Plug the small end of the micro-USB cable into the port on the device.
2. Plug the larger end of the micro-USB cable into a port on your computer.

   Depending on your computer operating system, the device appears as either a removable drive or a removable volume.

Advanced Driver Assistance System

Your device includes an advanced driver assistance system (ADAS), which uses the integrated dash camera to provide warnings and alerts about your driving environment.

You can enable or disable each of the advanced driver assistance features in the Driver Assistance settings (*Enabling or Disabling Driver Assistance Features*, page 8).

Go Alert

The go alert plays a tone and displays an alert when stopped traffic ahead of your vehicle starts moving again. This alert appears only after the vehicle ahead has moved a substantial distance and your vehicle has remained stopped. This can be useful at stop lights or in traffic delays. This feature uses the dash camera to detect the stopped or moving vehicle and requires a clear view of the road.

Forward Collision Warning System

⚠ WARNING

The forward collision warning system (FCWS) feature is for information only and does not replace your responsibility to observe all road and driving conditions, abide by all traffic regulations, and use safe driving judgment at all times. The FCWS relies on the camera to provide a warning of upcoming vehicles and, as a result, may have limited functionality in low visibility conditions. For more information, go to garmin.com/warnings.

NOTE: This feature is not available in all areas or for all product models.

The FCWS feature alerts you when the device detects that you are not maintaining a safe distance between your vehicle and the vehicle in front of you. The device determines your vehicle speed using GPS, and it calculates an estimated safe following distance based on your speed. The FCWS activates automatically when your vehicle speed exceeds 48 km/hr (30 mph).

When the device detects that you are too close to the vehicle ahead of you, the device plays an audible alert, and a warning appears on the screen.

Forward Collision Warning System Performance Tips

Several factors affect the performance of the forward collision warning system (FCWS). Some conditions may prevent the FCWS feature from detecting a vehicle ahead of you.

- The FCWS feature activates only when your vehicle speed exceeds 50 km/h (30 mph).
- The FCWS feature may not detect a vehicle ahead of you when the camera's view of the vehicle is obscured by rain, fog, snow, sun or headlight glare, or darkness.
- The FCWS feature may not function properly if the camera is incorrectly aligned .
- The FCWS feature may not detect vehicles greater than 40 m (130 ft.) away or closer than 5 m (16 ft.).
- The FCWS feature may not function properly if the camera placement settings do not correctly indicate your vehicle height or the placement of your device in the vehicle .

Lane Departure Warning System

⚠ WARNING

The lane departure warning system (LDWS) feature is for information only and does not replace your responsibility to observe all road and driving conditions, abide by all traffic regulations, and use safe driving judgment at all times. The LDWS relies on the camera to provide warnings for lane markers and, as a result, may have limited functionality in low visibility conditions. For more information, go to garmin.com/warnings.

The LDWS feature alerts you when the device detects you may be crossing a lane boundary unintentionally. For example, the device alerts you if you cross some solid painted lane boundaries. The LDWS feature provides alerts only when your vehicle speed exceeds 64 km/h (40 mph). The alert appears on the left or right side of the screen to indicate which lane boundary you crossed.

NOTE: For the best LDWS performance, you should set the Placement option to indicate the location of the device in your vehicle.

Setting the Camera Position

You can mount the device in the left, center, or right of your windshield. During the initial device setup, the Garmin Speak app asks you to select your vehicle type and the horizontal position of the device on your windshield. These settings help to improve the accuracy of driving alerts. You can change these settings at any time.

From the Garmin Speak app, select ⚙ > **Camera** > **Placement**.

Lane Departure Warning Performance Tips

Several factors affect the performance of the lane departure warning system (LDWS). Some conditions may prevent the LDWS feature from detecting lane departures.

- The LDWS feature provides alerts only when your vehicle speed exceeds 65 km/h (40 mph).
- The LDWS feature may not function properly if the camera is incorrectly aligned.
- The LDWS feature may not function properly if the camera placement settings do not correctly indicate your vehicle height or the placement of your device in the vehicle .
- The LDWS feature requires a clear, continuous view of the lane divider lines.
  - Lane departures may not be detected when divider lines are obscured by rain, fog, snow, extreme shadows, sun or headlight glare, road construction, or any other visual obstruction.
  - Lane departures may not be detected if lane divider lines are misaligned, missing, or heavily worn.
- The LDWS feature may not detect lane departures on extremely wide, narrow, or winding roads.

Enabling or Disabling Driver Assistance Features

1. From the Garmin Speak app, scroll to the **Driver Assistance** section.
2. Select **Forward Collision**, **Lane Departure**, or **Go Alert** to turn each feature on or off.

   A green dot indicates a feature is enabled.

Incoming Phone Calls

When the incoming phone calls feature is enabled, you can use your Garmin Speak Plus device to accept or ignore incoming calls while your phone is stowed away. You can communicate with the caller hands-free using the device microphones, and you can hear the caller's voice through your vehicle speakers or the device speaker.

Enabling Incoming Phone Calls

You can enable the incoming phone calls feature during the initial Garmin Speak Plus device setup in the Garmin Speak app. You can also enable the feature at any time from the Garmin Speak app settings.

1. From the Garmin Speak app, select ⚙ > **Audio**.
2. In the **Phone Calls** section, select **Garmin Speak**.

Receiving a Phone Call

Before you can receive a phone call using your Garmin Speak Plus device, you must enable phone calls for your device (*Enabling Incoming Phone Calls*, page 8).

When you receive a phone call, the LED ring flashes magenta, and the device displays the contact name or phone number of the caller.

- To accept the phone call, press ● on the Garmin Speak Plus device.

  Your phone accepts the call, and you can speak to the caller using the Garmin Speak Plus microphones and speaker. If the audio cable is connected to your vehicle stereo (*Connecting to the Stereo Using an Auxiliary Audio Cable*, page 2), the device broadcasts the call audio to your vehicle speakers.
- To decline the phone call, press 🎙 on the Garmin Speak Plus device.

Amazon Alexa Skills and Features

In addition to the navigation features offered by the Garmin skill, the Garmin Speak Plus device provides access to many Amazon Alexa features, such as playing music, checking the weather, or listening to the news. You can use the Amazon Alexa app to customize features and to explore thousands of skills in the Alexa Skills Store. Some skills require linking to your Amazon account.

NOTE: Some skills may not be compatible with the Garmin Speak Plus device. Device compatibility is determined by the skill developer.

Playing Music

You can play streaming music from your Amazon Music library and subscriptions, or from compatible streaming music services. You can use the Alexa app to add your streaming music service accounts (*Adding Music Accounts*, page 8).

You can play music based on genre, artist, title, album, recent releases, and more. You can say phrases like these to play music.

- *Alexa, play music.*
- *Alexa, play some popular new rock music.*
- *Alexa, play my driving music station on Pandora.*

Stopping or Resuming Playback

- To stop music or audio playback, say *Alexa, stop*.
- To resume music or audio playback, say *Alexa, resume*.

Adding Music Accounts

You can use the Amazon Alexa app to connect your Garmin Speak Plus to your streaming music service accounts, such as Amazon Music service or Pandora® internet radio. Not all streaming music services are compatible with the Garmin Speak Plus device.

See the Amazon Alexa app documentation on the Amazon web site for more information about adding streaming music service accounts.

Checking the Weather Forecast

You can say phrases like these to check the weather forecast near you or in another area.

Today's weather:

- *Alexa, how's the weather?*
- *Alexa, what's the temperature today?*

Future weather:

- *Alexa, will it rain tomorrow?*
- *Alexa, what's the weather this weekend?*

Weather in another location:

- *Alexa, what's the weather in Atlanta?*
- *Alexa, will it snow in Chicago this weekend?*

Enabling Skills

You can enable additional skills by speaking to your Garmin Speak Plus device, or by using the Amazon Alexa app.

- To enable a skill using your voice, say a phrase like *Alexa, enable the Garmin skill*.
- To browse and enable skills from the Amazon Alexa app, select **Skills** from the Amazon Alexa app menu.

Device Settings in the Garmin Speak App

You can use the Garmin Speak app to customize the device settings.

Navigation Settings

To change the settings, your Garmin Speak Plus device must be turned on and connected to the Garmin Speak app.

From the Garmin Speak app, select ⚙ > **Navigation**.

Units: Sets the units of measure to use for navigation distances.

Avoidances: Allows you to select features you want to avoid in your routes, such as toll roads, highways, or unpaved roads. You can select the check box next to each feature.

Audio Settings

To change the settings, your Garmin Speak Plus device must be turned on and connected to the Garmin Speak app.

From the Garmin Speak app, select ⚙ > **Audio**.

Phone Calls: Sets whether to use the Garmin Speak Plus device as a hands-free calling device. If you usually connect to your vehicle for hands-free phone calls, you should select Other.

Alexa and Media: Sets whether to play media and Alexa audio through the Garmin Speak Plus device. If you are connected to your vehicle using Bluetooth wireless technology or your smartphone's headphone jack, you should select Other. If you are using the Garmin Speak Plus speaker or the audio output jack on the Garmin Speak Plus power cable plug, you should select Garmin Speak.

Guide Me: Allows you to answer guided questions to determine the best audio settings for your Garmin Speak Plus device.

Start of Alexa Request Sound: Sets the device to play a tone when the device detects the *Alexa* keyword and starts listening to your request.

End of Alexa Request Sound: Sets the device to play a tone when the device detects you are finished speaking and starts processing your request.

Camera Settings

From the Garmin Speak app, select ⚙ > **Camera**.

Quality: Adjusts the video resolution.

Record Audio: Turns on and off audio recording. This feature is not available in all areas or for all product models.

Data Overlay: Adjusts the type of data displayed on videos and pictures.

Event Detection: Turns on and off event detection (*Saving a Dash Cam Video Clip*, page 6).

Placement: Allows you to set the vehicle height and camera position.

Device Information

Software Updates

Updating the Software Using the Garmin Speak App

When an update is available, the Garmin Speak app sends it to the device automatically.

The next time you start your device, it displays **Software Updating** while it installs the update.

Do not turn off your vehicle or unplug the device while the update is installing.

After the update is complete, the device restarts and operates as usual.

Updating the Software Using a Computer

You can use Garmin Express™ software to download and install the latest software updates for your device. Garmin Express is available for Windows® and Mac® computers.

1. On your computer, go to garmin.com/express.
2. Select an option:
   - To install on a Windows computer, select **Download for Windows**.
   - To install on a Mac computer, select **Download for Mac**.
3. Open the downloaded file, and follow the on-screen instructions to complete the installation.
4. Open the Garmin Express application.
5. Connect your Garmin Speak Plus device to your computer using a micro-USB cable.
6. When the device prompts you, press ● to enable USB mass storage mode.

   The device connects as a USB mass storage device, and appears on the device screen.
7. From the Garmin Express application, click **Add a Device**.

   The Garmin Express software detects your device.
8. Click **Add Device**.
9. Follow the on-screen instructions to register your device and add it to the Garmin Express software.

   When setup is complete, the Garmin Express software searches for software updates for your device.
10. Select an option:
    - To install all available updates, click **Install All**.
    - To install a single update, click **View Details** and select an update.

    The next time you start your device, it displays **Software Updating** while it installs the update.
11. Do not turn off your vehicle or unplug the device while the update is installing.

Device Care

NOTICE

Avoid dropping your device.

Do not store the device where prolonged exposure to extreme temperatures can occur, because it can cause permanent damage.

Do not expose the device to water.

Cleaning the Camera Lens

NOTICE

Do not use a dry cloth to clean the lens. Use of a dry cloth may damage the lens.

Avoid chemical cleaners and solvents that can damage plastic components.

You should clean the camera lens regularly to improve the quality of recorded video.

1. Wipe the lens with a soft, non-scratch cloth dampened with water or alcohol.
2. Allow the lens to air dry.

Specifications

Input voltage	5 V, 1 A DC using the included vehicle power cable
Operating temperature range	From -20 to 55°C (from -4 to 141°F)
Wireless frequencies and protocols	Wi-Fi® 2.4 GHz @ 9.5 dBm nominal Bluetooth 2.4 GHz @ 4 dBm nominal

Viewing Regulatory and Compliance Information

You can view the unit ID, software version, and e-label regulatory information.

Hold and ● for 5 seconds.

The device automatically scrolls through the information screens.

Troubleshooting

Error Symbols

These error symbols may appear on the device screen to indicate a problem with the device or the device connections.

Poor GPS reception: The device has not acquired GPS satellites and cannot determine your location.

Go to an open area and verify the device has a clear view of the sky through the windshield (*Acquiring GPS Signals*, page 4).

Smartphone is not connected: The device is not connected to your smartphone.

Verify Bluetooth technology is enabled on your smartphone and the device is paired with your smartphone (*Pairing with Your Smartphone*, page 2).

Garmin Speak app is not connected: The device has established a Bluetooth connection to your smartphone, but it cannot connect to the Garmin Speak app.

On your smartphone, open the Garmin Speak app.

No internet connection: The device is connected to the Garmin Speak app, but no internet connection is available.

Verify your smartphone is receiving a mobile data or Wi-Fi signal with access to the internet.

High device temperature: The device temperature is too high, and the device cannot operate.

- Move the device to a cooler location, and allow it to cool down before operating it.
- Avoid leaving the device in direct sunlight when your vehicle is parked.

I cannot hear sound from my device

The Garmin Speak Plus device and app provide several options for audio output to accommodate different vehicles and installation methods. If you cannot hear audio from the device, verify the device settings and connections for your installation method below.

- For all installation methods, verify each of these items:
  - Verify your Garmin Speak Plus device is paired with your smartphone and connected to the Garmin Speak app (*Pairing with Your Smartphone*, page 2).
  - Verify the Garmin Speak Plus device volume is loud enough to hear.

    You can say *Alexa, turn it up* or use your smartphone volume controls to increase the volume.
  - Verify the media volume setting on your smartphone is not muted.
- If you want to connect to your vehicle or vehicle stereo using a Bluetooth connection, verify each of these items:
  - In the Garmin Speak app, select ⚙ > **Audio**, and verify **Other** is selected in the **Alexa and Media** section.
  - Verify your smartphone is paired with your vehicle and connected using Bluetooth wireless technology.

    For more information about pairing your smartphone with your vehicle, see your vehicle owner's manual.
  - Verify your vehicle stereo is set to the Bluetooth audio source.
- If you want to connect to your vehicle stereo using the Garmin Speak Plus auxiliary audio output, verify each of these items:
  - Verify that a 3.5 mm audio cable is connected to the audio output jack in the Garmin Speak Plus power cable plug and to the auxiliary input jack for your vehicle stereo (*Connecting to the Stereo Using an Auxiliary Audio Cable*, page 2).

    NOTE: You should not use your phone's headphone jack for auxiliary output. Some types of audio cannot be played using the phone's headphone jack.
  - In the Garmin Speak app, select ⚙ > **Audio**, and verify **Garmin Speak** is selected in the **Alexa and Media** section.
  - Verify your vehicle stereo is set to the auxiliary input audio source.
- If you want to use the internal Garmin Speak Plus device speaker, verify each of these items:
  - In the Garmin Speak app, select ⚙ > **Audio**, and verify **Garmin Speak** is selected in the **Alexa and Media** section.
  - Verify no cable is connected to the audio output jack in the Garmin Speak Plus power cable plug.

When is the Garmin Speak Plus device listening?

While the Garmin Speak Plus device is turned on and the microphones are not muted, the device continuously listens for you to say *Alexa* to start a request. The device itself does not record or store any audio data. After you say *Alexa* or press ●, the audio data of your request is sent to the Alexa system for processing. You can view a record of your processed requests in the Amazon Alexa app.

If you want to prevent the device from hearing any audio, you can mute the microphones by pressing (*Muting the Microphones*, page 3).

A skill I want to use is not available

The Garmin Speak Plus device is compatible with many Alexa skills and features. However, some skills and features are exclusive to certain devices or are not available for the Garmin Speak Plus device. Skill compatibility is determined by the skill developer.

If a skill you want to use is not available, you can contact the skill developer to suggest adding support for the Garmin Speak Plus device.

My video recordings are blurry

- Clean the camera lens (*Cleaning the Camera Lens*, page 9).
- Clean the windshield in front of the camera.
- Verify the area of the windshield in front of the camera is cleared by the windshield wipers, and move the device, if necessary.

My memory card has degraded and needs to be replaced

All microSD® memory cards wear out after they are overwritten a large number of times. Because the dash camera records continuously, you should replace the memory card periodically (*Replacing the Memory Card*, page 11). Your device detects memory card errors automatically and alerts you when it is time to replace your memory card.

You can take these actions to help extend the useful life of the memory card.

- Turn off the device when your vehicle is not in use.

  If your device is not connected to an ignition-switched vehicle power outlet, you should turn off the device when your vehicle is not in use to prevent the dash camera from recording unneeded footage.
- Transfer saved video footage to a computer.

  The memory card lasts longer when more free space is available on the card.
- Use a high-quality memory card with a speed rating of class 10 or higher.

  Purchase your replacement memory card from a high-quality manufacturer and a reputable vendor.

Appendix

Replacing the Memory Card

NOTICE

You should only remove the memory card if you need to replace it. Removing the card may cause the most recent video footage to be corrupted. To transfer files to a computer, you should leave the card in the Garmin Speak Plus device and connect the device to your computer using a USB cable (*Videos and Photos on Your Computer*, page 6).

You can replace the dash cam memory card to increase the capacity or to replace a card that has reached the end of its useful life. The dash cam requires a microSD memory card from 4 to 64 GB with a speed rating of class 10 or higher.

1. Press the current memory card in until it clicks, and release the card.

   The card ejects from the slot.
2. Remove the old card from the slot.

   TIP: The card fits tightly in the slot. If the card does not eject fully from the slot, you may need to use tweezers to remove it.
3. Insert the new memory card ① into the slot ②.

4. Press the card in until it clicks.

Pairing an Additional Smartphone with Your Garmin Speak Plus Device

If multiple people need to use your Garmin Speak Plus device, you can pair it with additional smartphones.

1. With the Garmin Speak Plus turned on, hold for 5 seconds to manually enter pairing mode.

   The LED ring glows amber and animates while the device is in pairing mode.

2. From the app store on your smartphone, install and open the Garmin Speak app.
3. Follow the on-screen instructions to pair and set up the device.

Each time the Garmin Speak Plus turns on, it attempts to connect to the most recently connected smartphone first. If that smartphone is not within range, it connects to another paired smartphone within range.

Pairing an Additional Garmin Speak Plus Device with Your Smartphone

If you have Garmin Speak Plus devices in multiple vehicles, you can pair each of them with your smartphone. You must use the Bluetooth settings on your smartphone to pair additional devices.

NOTE: Only one device can have an active connection to the app at a time.

1. Turn off all your Garmin Speak Plus devices except the one you want to pair.
2. With the Garmin Speak Plus turned on, hold for 5 seconds to manually enter pairing mode.

   The LED ring glows amber and animates while the device is in pairing mode.

3. On your smartphone, go to the Bluetooth settings, select the Garmin Speak Plus device from the list of nearby devices, and select the option to pair with the device.

   For more information about pairing your smartphone with Bluetooth devices, see your smartphone owner's manual.

   Your smartphone and the Garmin Speak Plus device display a pairing code.
4. Verify the codes match, and press any button on the Garmin Speak Plus device to accept the pairing request.
5. On your smartphone, select the option to authorize pairing with the device.
6. Open the Garmin Speak app.

7 Say *Alexa, ask Garmin to register my device*.

After the device is paired and registered, your smartphone and the Garmin Speak app connect to it automatically in the future.

Removing the Adhesive Disc from Your Windshield

The adhesive metal disc is intended for a long-term installation and can be difficult to remove.

1 Using a non-sharp, non-metal object, carefully pry one edge of the disc away from the windshield, applying steady pressure until the adhesive releases from the windshield.

2 Remove all remaining adhesive from the windshield and disc.

3 Clean the windshield and disc.

You can replace the adhesive on the disc to attach it to another location (*Replacing the Adhesive on the Disc*, page 12).

Replacing the Adhesive on the Disc

You can replace the adhesive on the metal disc to install the device in a new location. Your device includes one extra adhesive pad. Go to buy.garmin.com to purchase additional adhesive pads.

1 If necessary, remove the old adhesive pad from the disc.

2 Clean the disc.

The disc must be free of dust, wax, oils, or coatings.

3 Remove one side of the protective film from the new adhesive pad.

4 Position the adhesive pad over the disc.

TIP: The adhesive is extremely sticky. Do not touch the adhesive to the disc until the adhesive pad is properly aligned.

5 Press the adhesive pad firmly onto the disc, and maintain pressure for 30 seconds.

6 Place the metal disc into the device mount, and install it onto your windshield (*Installing the Adhesive Disc onto Your Windshield*, page 1).

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